

SERVICE CLASS				
SERVICE NAME				
SERVICE ICON				
SERVICE LOCATION INFORMATION				
INPUT				
OUTPUT				
PARAMETER RESTRICTION RULES				
SERVICE LOCATION				
METHOD NAME				
INVOCATION SCHEME				
IMPLICIT ELEMENTS				

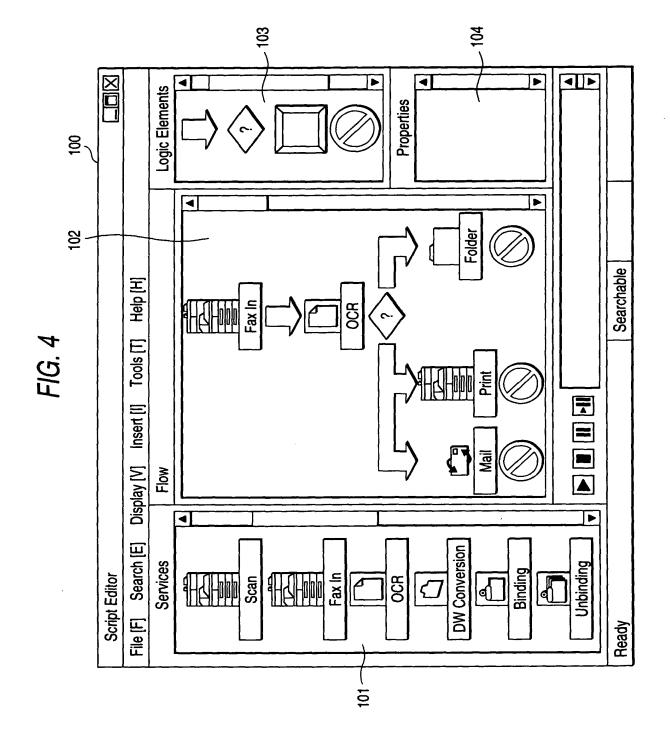


FIG. 5

SERVICE CLASS				
SERVICE NAME				
SERVICE ICON				
SERVICE LOCATION INFORMATION				
INPUT				
OUTPUT				
PARAMETER RESTRICTION RULES				
SERVICE LOCATION				
METHOD NAME				
INVOCATION SCHEME				
IMPLICIT ELEMENTS				
FLOW (INVOKE, MAP, METHOD) (CONTROL STRUCTURE, LOGICAL OPERATIONS)				

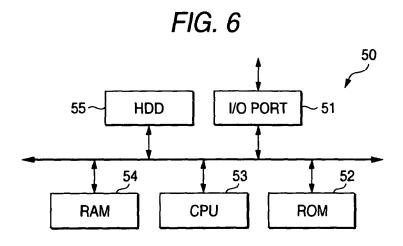


FIG. 7

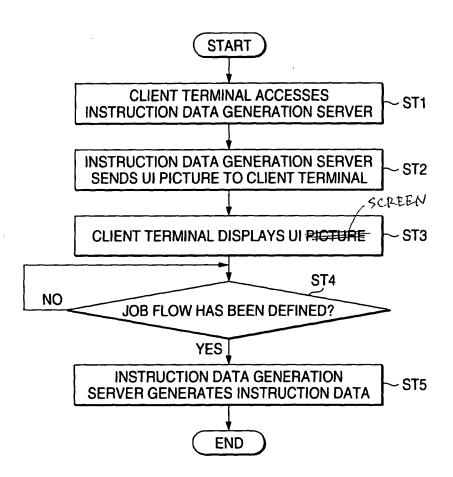


FIG. 8

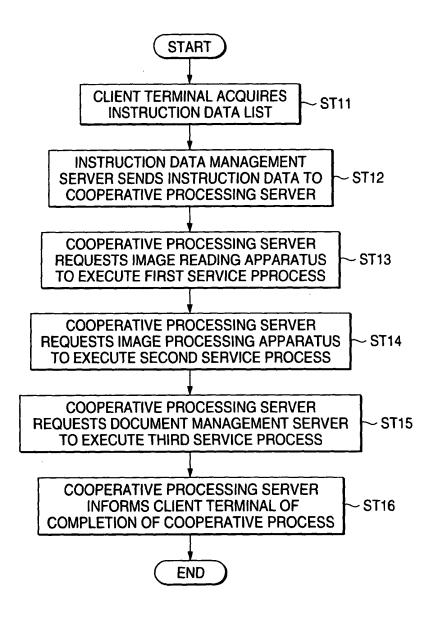
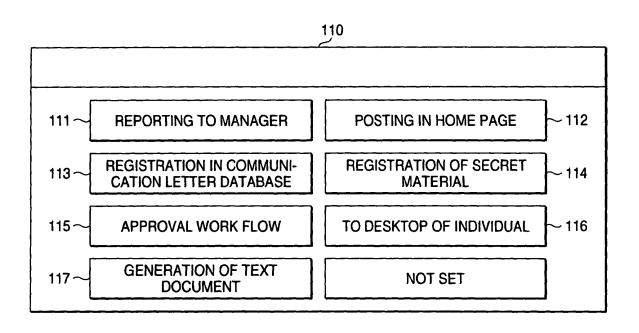


FIG. 9



```
<!- INSTRUCTION DATA AFTER END OF FIRST SERVICE -->
< Flow id = "0123456789" >
       < exec >
               < service name = "OCR" >
                      < param name = "POLICY" value = "SPEED PRIORITY" / >
               </service>
               < service name = "STORAGE" >
                       < param name = "LOCATION" value = "ftp: / / server / folder" / >
               < / service >
       </exec>
       < log >
               < service name = "SCAN" >
                       < result value = "SUCCESS" / >
               </service>
       </\log>
< / Flow >
```

```
< i - NEW INSTRUCTION DATA GENERATED AFTER FAILING IN PERFORM IN SECOND SERVICE - - > < Flow type = "once" reserved-id = "0123456789" >
                                                                                                                                                                                                                                                                                                                                           < /service >
                                                                                                                               < param name = "LOCATION" value = "ftp: // server / folder" / >

                                                                 < param name = "POLICY" value = "SPEED PRIORITY" />
</ service >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       < service name = "OCR" > 
< result value = "TIME-OUT ERROR" / >
                                                                                                                                                                                                                                                                                                                                                                                                                                          < service name = "SCAN" > < result value = "SUCCESS" / >
                                                                                                                                                                                                                                                                                                                                         < service name = "STORAGE" >
                                                                                                                            < service name = "STORAGE" >
                                                                                                                                                                                                                                       < location type = "temporary" / >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         </service >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    </service>
                                                                                                                                                                                                                                                                                                   < Flow id = "0123456789" >
                                                                                                                                                                                                                                                                                                                                                                                                          < / exec >
                                                                                                                                                                                                                                                                                                                         < 9xec >
                                                                                                                                                                                                                                                              < / document >
                                                                                                                                                                                                                     < document >
```

FIG. 13

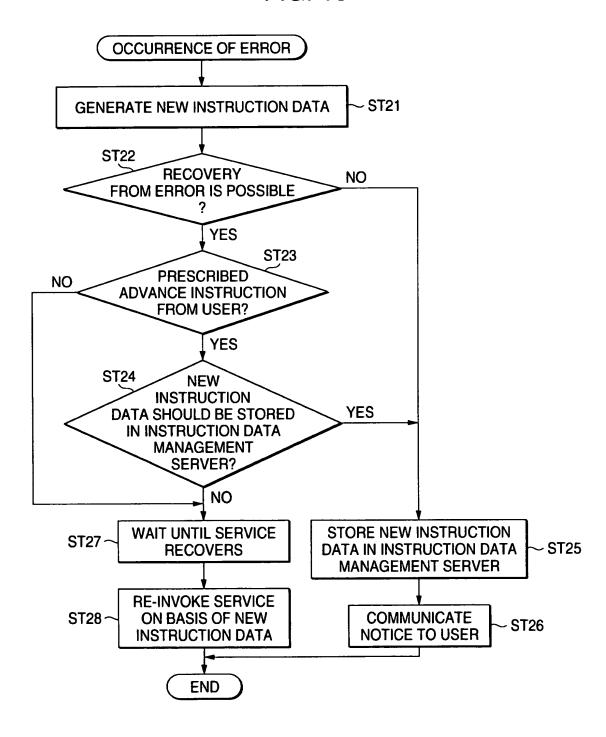


FIG. 15

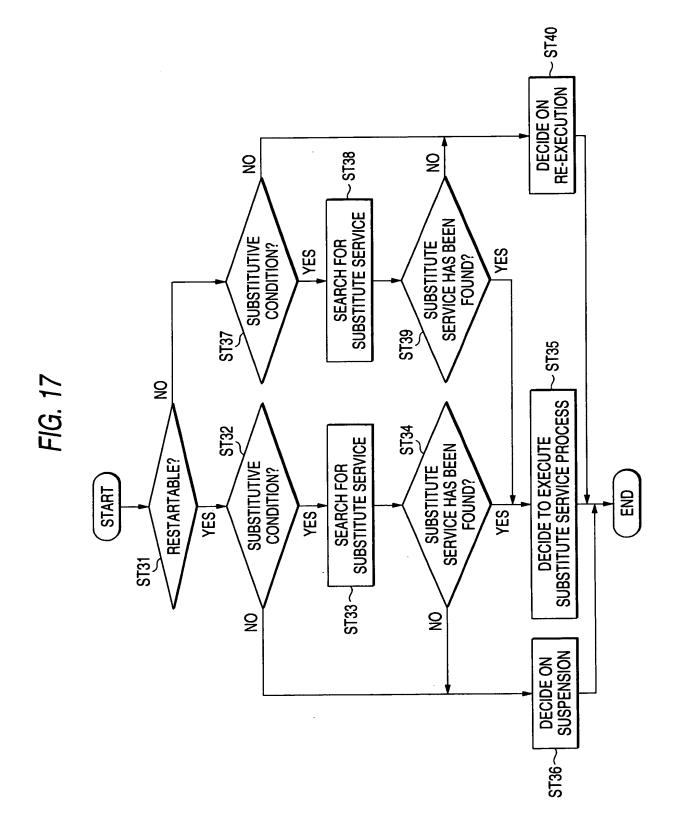


FIG. 18

ABSENT		SUSPENSION	RE-EXECUTION
PRESENT	NO SUBSTITUTE SERVICE IS FOUND BY SERARCH	SUBSTITUTE SERVICE SUSPENSION	SUBSTITUTE SERVICE RE-EXECUTION
	SUBSTITUTE SERVICE IS FOUND BY SERARCH	SUBSTITUTE SERVICE	SUBSTITUTE SERVICE
SUBSTITUTE	RESTARTABLE	TRUE	FALSE